

accepting or rejecting the article based on whether the internal stress comprises tensile stress exceeding a specified value.

8. The method of claim 7 wherein the internal stress is determined by using x-ray
5 diffraction to measure the change in the lattice constant in the coating due to stress.

9. The method of claim 7 wherein articles with coatings having tensile stress in excess of about 2 MPa are accepted.

10. The method of claim 7 wherein articles with coatings having tensile stress in excess
of about 3 MPa are accepted.